SEARCH QUERY

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102

RECEIVE A REQUEST TO SEARCH FOR FILES THAT MATCH A SEARCH QUERY



<u>104</u>

SELECT AN ALTERNATIVE SPELLING BASED ON A SET OF FACTORS, INCLUDING HOW FREQUENTLY THE ALTERNATIVE SPELLING OCCURS IN A PLURALITY OF FILES, AND HOW FREQUENTLY THE ALTERNATIVE SPELLING OCCURS IN ONE OR MORE PREVIOUSLY RECEIVED REQUESTS TO SEARCH FOR FILES



<u>106</u>

PRESENT THE ALTERNATIVE SPELLING TO A USER

FIG. 1

Title: SUGGESTING AN ALTERNATIVE TO THE SPELLING OF A SEARCH OUERY

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202

DETERMINE HOW FREQUENTLY A PARTICULAR SPELLING OCCURS IN A PLURALITY OF FILES



204

DETERMINE HOW FREQUENTLY AN ALTERNATIVE SPELLING OCCURS IN THE **PLURALITY OF FILES**



BASED ON A SET OF RULES THAT WEIGH THE FREQUENCY OF OCCURRENCES OF THE PARTICULAR SPELLING AGAINST THE FREQUENCY OF OCCURRENCES OF THE ALTERNATIVE SPELLING, DETERMINE WHETHER TO PRESENT THE ALTERNATIVE SPELLING TO A USER

FIG. 2

302

DETERMINE HOW FREQUENTLY FILES THAT CONTAIN A PARTICULAR SPELLING OCCUR IN A PLURALITY OF FILES



304

DETERMINE HOW FREQUENTLY FILES THAT CONTAIN AN ALTERNATIVE SPELLING OCCUR IN THE PLURALITY OF FILES



306

BASED ON A SET OF RULES THAT WEIGH THE FREQUENCY OF OCCURRENCES OF FILES THAT CONTAIN THE PARTICULAR SPELLING AGAINST THE FREQUENCY OF OCCURRENCES OF FILES THAT CONTAIN THE ALTERNATIVE SPELLING, DETERMINE WHETHER TO PRESENT THE ALTERNATIVE SPELLING TO A USER

FIG. 3

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<u>402</u>

DETERMINE HOW FREQUENTLY A PARTICULAR SPELLING OCCURS IN ONE OR MORE PREVIOUSLY RECEIVED SEARCH REQUESTS

404

DETERMINE HOW FREQUENTLY AN ALTERNATIVE SPELLING OCCURS IN THE PREVIOUSLY RECEIVED SEARCH REQUESTS

406

BASED ON A SET OF RULES THAT WEIGH THE FREQUENCY OF OCCURRENCES OF THE PARTICULAR SPELLING AGAINST THE FREQUENCY OF OCCURRENCES OF THE ALTERNATIVE SPELLING, DETERMINE WHETHER TO PRESENT THE ALTERNATIVE SPELLING TO A USER

FIG. 4

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502

DETERMINE HOW FREQUENTLY FILES, WHERE EACH FILE CONTAINS A PARTICULAR SPELLING AND A SECOND WORD OR PHRASE, OCCUR IN A PLURALITY OF FILES



504

DETERMINE HOW FREQUENTLY FILES, WHERE EACH FILE CONTAINS AN ALTERNATIVE SPELLING AND THE SECOND WORD OR PHRASE, OCCUR IN THE PLURALITY OF FILES



506

BASED ON A SET OF RULES THAT WEIGH THE FREQUENCY OF OCCURRENCES OF FILES, WHERE EACH FILE CONTAINS THE PARTICULAR SPELLING AND THE SECOND WORD OR PHRASE, AGAINST THE FREQUENCY OF OCCURRENCES OF FILES, WHERE EACH FILE CONTAINS THE ALTERNATIVE SPELLING AND THE SECOND WORD OR PHRASE, DETERMINE WHETHER TO PRESENT THE ALTERNATIVE SPELLING TO A USER

FIG. 5

<u>602</u>

DETERMINE HOW FREQUENTLY PREVIOUSLY RECEIVED SEARCH REQUESTS THAT CONTAIN BOTH A PARTICULAR SPELLING AND A SECOND WORD OR PHRASE OCCUR IN ONE OR MORE PREVIOUSLY RECEIVED SEARCH REQUESTS



604

DETERMINE HOW FREQUENTLY PREVIOUSLY RECEIVED SEARCH REQUESTS THAT CONTAIN BOTH AN ALTERNATIVE SPELLING AND THE SECOND WORD OR PHRASE OCCUR IN THE PREVIOUSLY RECEIVED SEARCH REQUESTS



606

BASED ON A SET OF RULES THAT WEIGH THE FREQUENCY OF OCCURRENCES OF PREVIOUSLY RECEIVED SEARCH REQUESTS THAT CONTAIN BOTH THE PARTICULAR SPELLING AND THE SECOND WORD OR PHRASE AGAINST THE FREQUENCY OF OCCURRENCES OF PREVIOUSLY RECEIVED SEARCH REQUESTS THAT CONTAIN BOTH THE ALTERNATIVE SPELLING AND THE SECOND WORD OR PHRASE, DETERMINE WHETHER TO PRESENT THE ALTERNATIVE SPELLING TO A USER

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702
ESTABLISH A SET OF CANDIDATE ALTERNATIVE SPELLINGS

704

FILTER THE SET OF CANDIDATE ALTERNATIVE SPELLINGS BASED ON A FREQUENCY WITH WHICH EACH CANDIDATE ALTERNATIVE SPELLING WAS ACCEPTED BY A USER TO WHICH THAT CANDIDATE SPELLING WAS PRESENTED

FIG. 7

DETERMINE A FIRST NUMBER OF LINKS THAT (A) LINK TO A PARTICULAR FILE AND

(B) INCLUDE A FIRST SPELLING

804

DETERMINE A SECOND NUMBER OF LINKS THAT (A) LINK TO THE PARTICULAR FILE AND (B) INCLUDE A SECOND SPELLING

YES

IS THE FIRST NUMBER OF LINKS

GREATER THAN THE SECOND

NUMBER OF LINKS?

808
ADD THE FIRST SPELLING TO A
SET OF CANDIDATE
ALTERNATIVE SPELLINGS

FIG. 8

810
ADD THE SECOND SPELLING TO
A SET OF CANDIDATE
ALTERNATIVE SPELLINGS

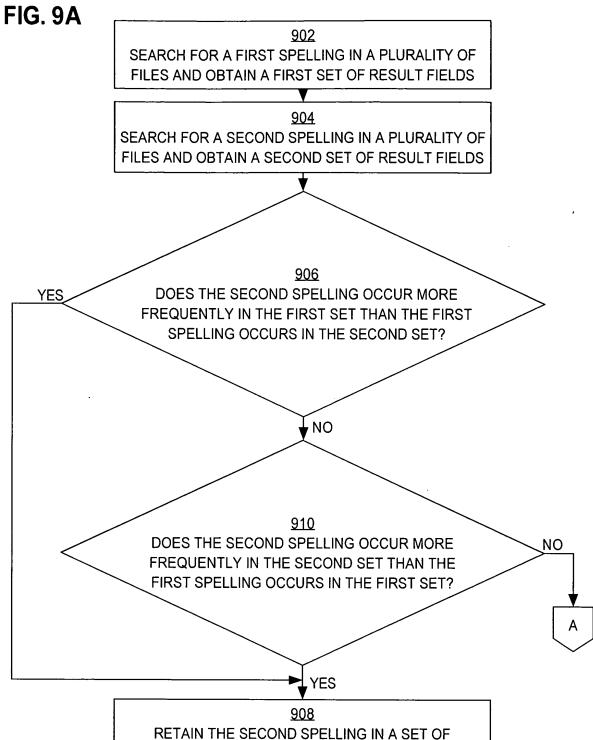
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CANDIDATE ALTERNATIVE SPELLINGS

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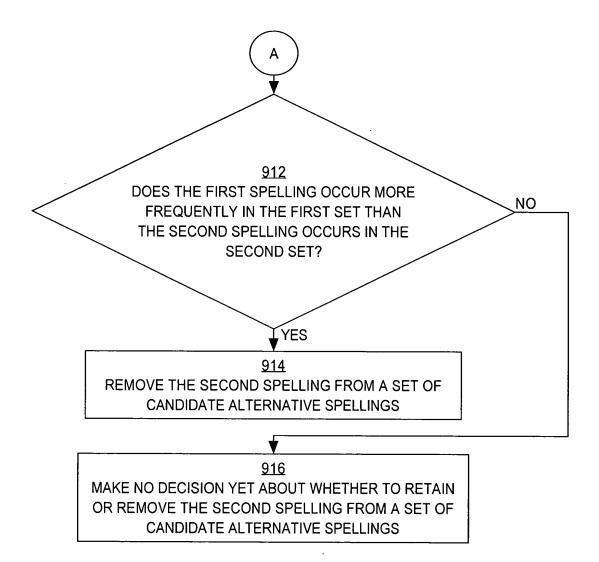


FIG. 9B

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